

# SIP IP DECT Cordless Telephones

KX-TGP550/500

Enhanced Communications Solutions



# Panasonic ideas for life

# The power of SIP. Easy expandability with DECT.

Introducing the KX-TGP500 series phone system—the SIP/DECT small business communications solution. Never before has there been an easier, more convenient way to expand your SIP-based office phone system.

## Flexible Configuration Options

Add headsets wherever you need them. All you need is an electrical outlet nearby.

3 Users: 3 DID



6 Station: 3 Line "Key" System



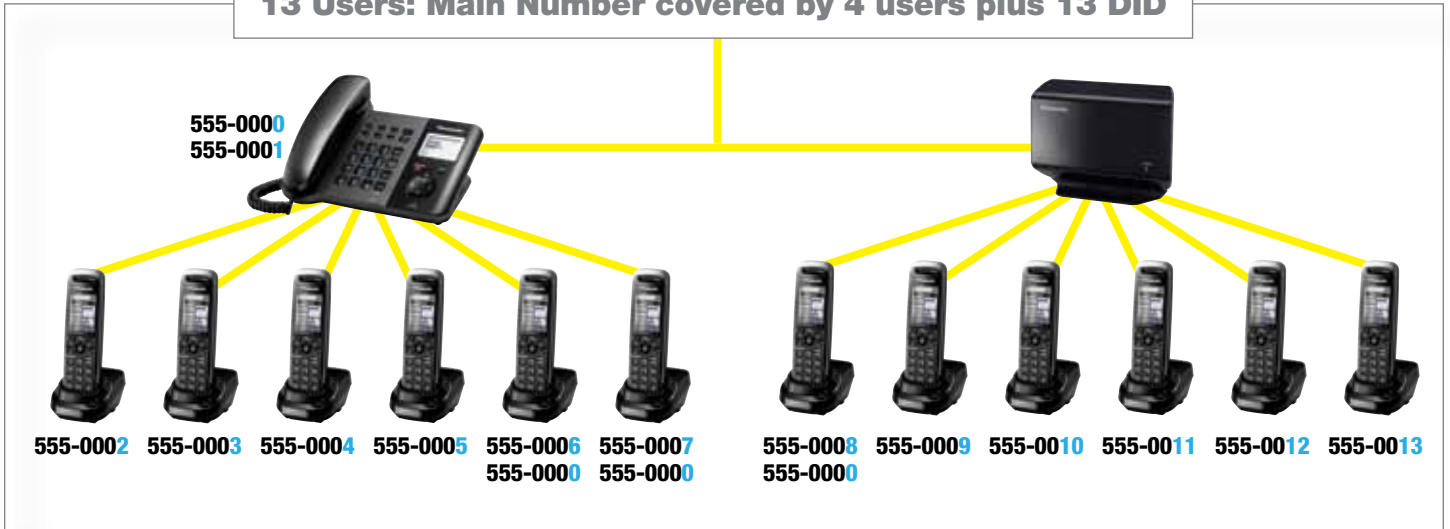
Each Base Station supports up to 8 phones



The benefits are SIP are especially compelling in today's business environment where every dollar counts. The reduced hardware costs and simplicity of routing your company's calls over an internet connection can add up to huge savings on your monthly telephone bill. With the Panasonic KX-TGP500 series SIP phone system, you can quickly and easily add up to 6 cordless handsets—each with their own number. All you need is a single internet connection and an electrical outlet near wherever you want to add a handset. And because it employs DECT technology, you'll enjoy a secure connection and crystal-clear sound.



**13 Users: Main Number covered by 4 users plus 13 DID**



**one numbers and 6 Cordless Handsets.**



## Key Features

- Expandable up to 6 DECT 6.0 Cordless Handsets
- Supports up to 8 Phone Numbers
- Supports 3 Simultaneous Calls
- Wide Band Audio (G.722)
- White Backlit Large LCD on Handset and Base Unit
- Handset Call Button on Base Unit
- Elegant, Simple Design



### KX-TGP550

**SIP IP Expandable Cordless Phone System with Corded Handset Base Station and 1 Cordless Handset**



### KX-TGP500

**SIP IP Expandable Cordless Phone System with Location-Free Base Station and 1 Cordless Handset**



### KX-TPA50

**Additional Cordless Handset Up to 6 per KX-TGP550/500**

## Specifications

Feature	KX-TGP550	KX-TGP500 Base Unit • Handset
<b>VoIP Support</b>		
IETF SIP version 2 (RFC3261 and companion RFCs)	•	•
BroadWorks R15 / BroadSoft	•	•
Asterisk	•	•
<b>Voice Codec</b>		
G.722 / G.711 u-law / G.711 A-law / G.726 (32K) / G.729A	•	•
<b>Network Interface</b>		
10/100base-T auto MDI/MDIX Ethernet LAN port	2	1
<b>Provisioning</b>		
HTTP / HTTPS / FTP / TFTP and local/remote WEB configuration	•	•
<b>QoS Support</b>		
DSCP and Layer 3 TOS	•	•
Static VLAN	•	-
<b>Keys and Indicators</b>		
Menu driven user interface	•	•
Line status / direct handset call buttons	•	-
Message Waiting Indicator	•	•
<b>RF-System</b>		
US-DECT 1.92GHz -1.93GHz	•	•
<b>Phone Features</b>		
Multiple Handset	6	6
Multiple registration support	8	8
Simultaneous voice calls	3	3
Full-duplex hands-free speakerphone	•	•
2.5mm Headset Jack	•	•
Grouping Handset: Handset select for receiving call	•	•
Handset and Number select for making call	•	•
Redial	•	•
Do Not Disturb	•	•
Anonymous Call (CLIR)	•	•
Anonymous Call Rejection	•	•
Busy Lamp Field (BLF)	•	-
Calling party name and number presentation (CLIP, CNIP)	•	•
Call Rejection	•	•
DTMF dialing during call	•	•
Local 3-way Conference	•	•
Call Transfer	•	•
One button Call Transfer	•	-
Call Hold	•	•
Call Forward Unconditional / User Busy / No Answer	•	•
Call Waiting	•	•
Distinctive Ringing	•	•
Ringtone Selection	•	•

### Panasonic Communications Company of North America

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[www.panasonic.com/ecs](http://www.panasonic.com/ecs)

### Panasonic Customer Service

9 am - 9 pm (EST) Mon. through Fri.  
10 am - 7 pm (EST) Sat. and Sun.  
1-800-211-PANA

[www.panasonic.com/support](http://www.panasonic.com/support)

For hearing or speech impaired TTY users, TTY 1-877-833-8855



\*Resource: MZA Ltd., 2007 Unit Sales Figure from 2008 Market Share Analysis - Corded PBX/IP PBX  
<http://www.mzaconsultants.com/>